



CONNOR-WINFIELD CORPORATION

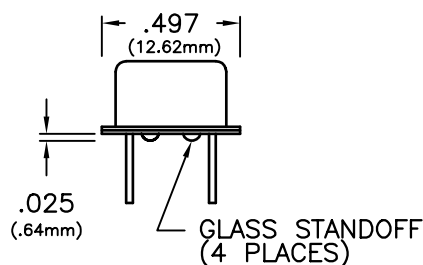
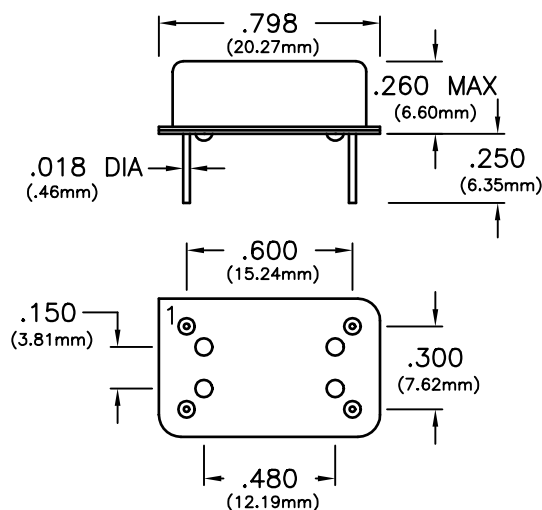
AURORA, IL. 60505

PHONE (630) 851-4722

FAX (630) 851-5040

14 PIN DIP PECL

SPECIFICATIONS		EH13-51*	EH13-52*	EH13-53*	EH13-54*
Frequency Range		10MHz to 400MHz			
Frequency Stability		±25ppm	±50ppm	±100ppm	±20ppm
		(Inclusive of calibration tolerance at 25°C, operating temperature range, input voltage change, load change, aging, shock and vibration)			
Temperature Range		0°C to +70°C			
Output	Waveform	PECL Squarewave, 10K Compatible			
	Voltage				
	Voh	3.98 Minimum , 4.26 Maximum			
	Vol	3.05 Minimum , 3.40 Maximum			
	Duty Cycle	45/55 Maximum at 3.67V			
		Rise/Fall Time			
		2.3nS Maximum			
		Output must be terminated into 50 ohms to +3Vdc -OR- 270 ohms to Vee			
Supply Voltage		+5Vdc ±5%			
Supply Current		85mA Maximum			
Package		All metal, hermetically sealed, welded package			
Options *	(add letter to end of model number)	0	Pin 1: No Connection		
		1	Pin 1: Complementary Output		
		2	Pin 1: Enable/Disable Enable; Low Level, Vil (3.40V Max) , Disable; High Level, Vih (3.87V Min) NOTE: When oscillator is disabled the output is in a low state (vol)		



PIN	CONNECTION
1	OPTION
7	Vee (CASE GROUND)
8	OUTPUT
14	Vcc

Dimensional Tolerance ±.005

Specifications subject to change without notice

BULLETIN #: EC052

REV: 04

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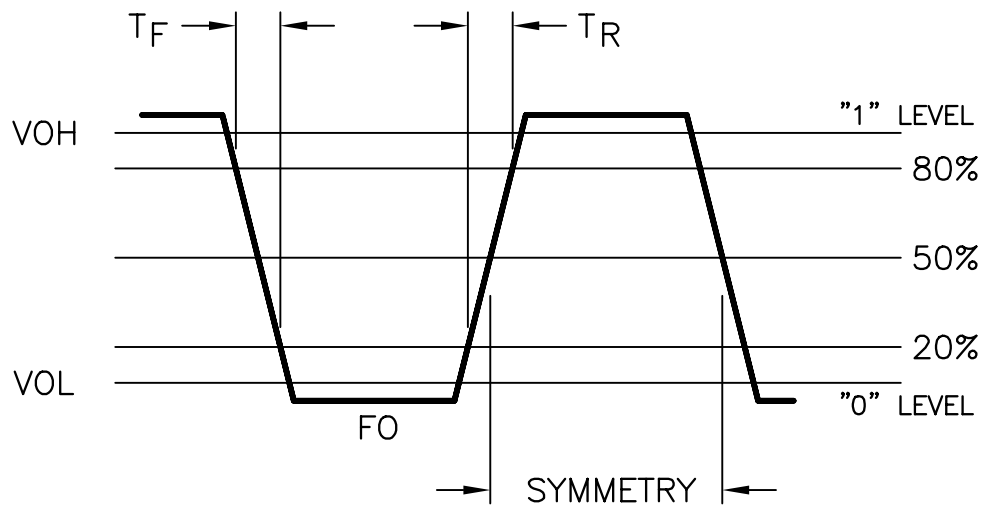
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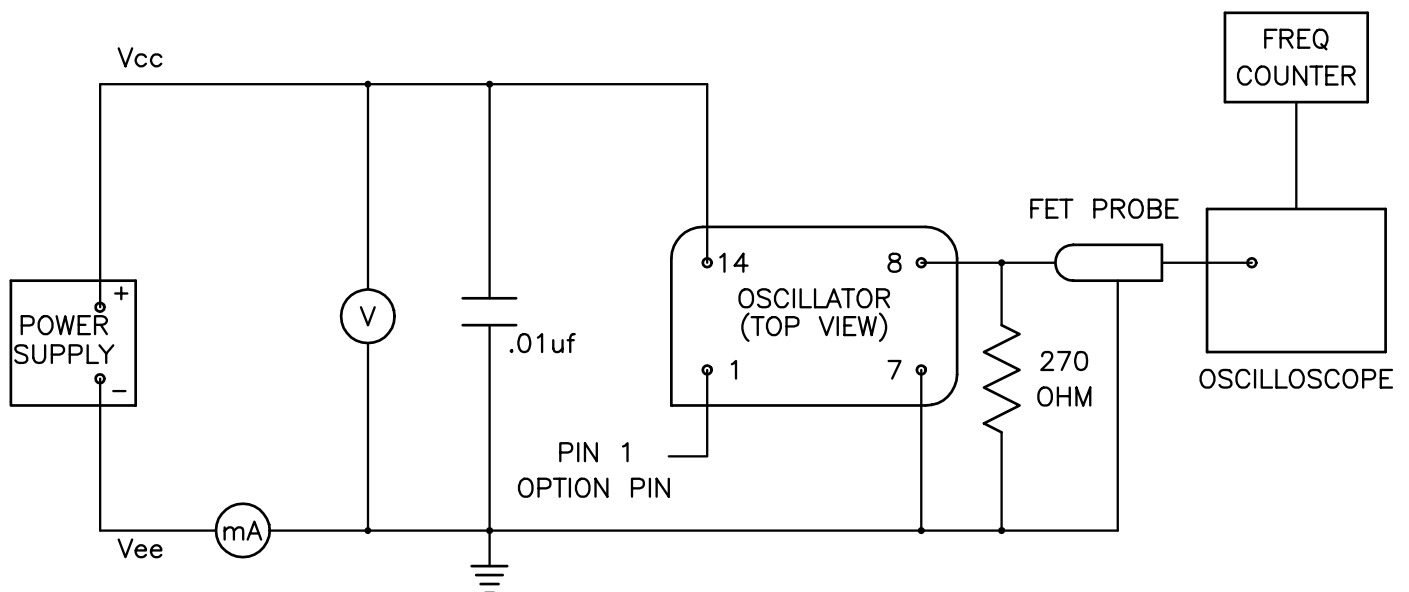
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OUTPUT WAVEFORM



TEST CIRCUIT



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